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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Shin-Ichi Funahashi et al. Art Unit : 1646
Serial No. : 09/502,698 Examiner : P. Mertz
Filed : February 11, 2000
Title : PROTEIN HAVING PDZ DOMAIN SEQUENCE

Commissioner for Patents
Washington, D.C. 20231

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RESPONSE

In response to the action mailed September 11, 2001, please amend the application as follows:

In the claims:

Amend claims 1, 3, 4 and 5 as follows:

B¹
-- 1. (Amended) A substantially pure polypeptide comprising an amino acid sequence at least 85% identical to SEQ ID NO:1 or 2, wherein the polypeptide contains at least one PDZ domain sequence, wherein at least one of said PDZ domain sequences interacts with a protein that has a hydrophobic amino acid region at its C-terminus.

3. (Amended) A substantially pure polypeptide comprising SEQ ID NO:1.

B²
4. (Amended) A substantially pure polypeptide comprising the amino acid sequence of SEQ ID NO:1 or 2, with up to 50 conservative amino acid substitutions, wherein the polypeptide contains at least one PDZ domain sequence, wherein at least one of said PDZ domain sequences interacts with a protein that has a hydrophobic amino acid region at its C-terminus.

03/21/2002 HTECKLU1 00000040 09502698

02 FC:102 84.00 OP
03 FC:103 54.00 OP

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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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